LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027361.D
Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-74

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.729	3	7	15	rBV	59255	84667	7.57%	0.727%
2	4.041	54	60	65	rVB2	7041	13323	1.19%	0.114%
3	4.434	124	127	136	rVB	8850	14316	1.28%	0.123%
4	4.705	165	173	180	rBV3	10506	18215	1.63%	0.156%
5	5.157	245	250	252	rBV	29875	43024	3.85%	0.370%
6	5.187	252	255	267	rVB	43824	75028	6.71%	0.644%
7	5.698	336	342	354	rBV	169175	272718	24.38%	2.342%
8	6.056	397	403	409	rBV2	16609	27536	2.46%	0.237%
9	6.144	412	418	426	rVB	20119	32361	2.89%	0.278%
10	6.315	442	447	456	rBV	8516	16700	1.49%	0.143%
11	6.397	456	461	471	rVB	26386	42540	3.80%	0.365%
12	6.632	492	501	511	rBV	285594	473144	42.29%	4.064%
13	7.026	562	568	577	rBV3	5506	11979	1.07%	0.103%
14	7.114	577	583	591	rVV	24758	48374	4.32%	0.415%
15	7.507	644	650	661	rBV	38456	88212	7.88%	0.758%
16	7.625	663	670	674	rVV4	10576	23159	2.07%	0.199%
17	7.689	675	681	694	rVB3	64601	198377	17.73%	1.704%
18	7.983	723	731	737	rBV2	6977	12152	1.09%	0.104%
19	8.089	742	749	756	rBV	54552	105094	9.39%	0.903%
20	8.553	815	828	831	rBV	168619	331245	29.61%	2.845%
21	8.583	831	833	843	rVB	156348	218966	19.57%	1.881%
22	8.776	859	866	871	rBV3	21371	40071	3.58%	0.344%
23	8.882	877	884	891	rVB	152725	284509	25.43%	2.444%
24	9.717	1017	1026	1033	rBV	137098	266365	23.81%	2.288%
25	9.846	1042	1048	1055	rVB5	6459	11875	1.06%	0.102%
26	11.109	1256	1263	1272	rBV	43170	81697	7.30%	0.702%
27	11.180	1272	1275	1280	rVV3	6011	11255	1.01%	0.097%
28	11.238	1280	1285	1294	rVB3	21455	40054	3.58%	0.344%
29	11.373	1300	1308	1322	rVB	256683	488250	43.64%	4.194%
30	11.479	1322	1326	1331	rBV4	7352	12777	1.14%	0.110%
31	11.732	1357	1369	1376	rBV6	9923	27943	2.50%	0.240%
32	11.861	1384	1391	1396	rBV	30495	48719	4.35%	0.418%
33	11.920	1396	1401	1407	rVB2	39428	63161	5.65%	0.542%
34	12.261	1452	1459	1468	rBV4	11831	30190	2.70%	0.259%

LSC Area Percent Report

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Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-74

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

35	12.789	1535	1549	1567	rVB2	109105	236941	21.18%	2.035%
36	13.541	1673	1677	1682	rBV2	7063	11791	1.05%	0.101%
37	13.759	1704	1714	1722	rBV	365643	607827	54.33%	5.221%
38	14.000	1746	1755	1759	rVB6	6397	16236	1.45%	0.139%
39	14.429	1823	1828	1833	rBV5	7034	14398	1.29%	0.124%
40	14.564	1845	1851	1858	rBV	125901	188418	16.84%	1.618%
41	14.646	1858	1865	1870	rVB6	8003	14782	1.32%	0.127%
42	14.734	1876	1880	1890	rBV4	15263	32827	2.93%	0.282%
43	14.863	1895	1902	1907	rVB2	10172	17889	1.60%	0.154%
44	14.987	1919	1923	1927	rBV2	18779	23629	2.11%	0.203%
45	15.134	1941	1948	1956	rBV2	402787	681448	60.91%	5.853%
46	15.245	1962	1967	1973	rBV	39292	60829	5.44%	0.522%
47	15.304	1973	1977	1987	rVB4	14225	26994	2.41%	0.232%
48	15.492	2004	2009	2015	rBV3	16315	29560	2.64%	0.254%
49	15.845	2057	2069	2075	rBV	109400	171649	15.34%	1.474%
50	15.933	2080	2084	2088	rVB	32841	41924	3.75%	0.360%
51	16.056	2099	2105	2113	rBV4	9149	14662	1.31%	0.126%
52	16.373	2154	2159	2166	rVB	118504	177024	15.82%	1.520%
53	16.614	2195	2200	2205	rBV3	25215	41486	3.71%	0.356%
54	16.796	2226	2231	2242	rBV3	64633	132115	11.81%	1.135%
55	16.985	2257	2263	2268	rVB2	28325	43617	3.90%	0.375%
56	17.096	2277	2282	2287	rBV	109892	163635	14.63%	1.405%
57	17.225	2298	2304	2315	rVB10	10444	28911	2.58%	0.248%
58	17.402	2331	2334	2338	rVB4	11324	15634	1.40%	0.134%
59	17.590	2362	2366	2372	rBV3	31501	45222	4.04%	0.388%
60	17.654	2372	2377	2387	rVB9	13560	29703	2.65%	0.255%
61	17.748	2387	2393	2396	rBV	75365	113822	10.17%	0.978%
62	17.784	2396	2399	2405	rVB5	20761	30231	2.70%	0.260%
63	17.883	2406	2416	2429	rVB2	542685	944195	84.39%	8.110%
64	18.048	2438	2444	2450	rVB	37132	58998	5.27%	0.507%
65	18.330	2487	2492	2499	rBV2	16647	27916	2.50%	0.240%
66	18.459	2507	2514	2521	rBV3	44993	101135	9.04%	0.869%
67	18.600	2531	2538	2544	rBV4	28388	54965	4.91%	0.472%
68	18.724	2553	2559	2567	rBV	166152	256211	22.90%	2.201%
69	18.929	2590	2594	2599	rVB6	10414	13073	1.17%	0.112%
70	19.205	2638	2641	2645	rBV5	9350	12527	1.12%	0.108%
71	19.382	2667	2671	2676	rVB7	7821	11203	1.00%	0.096%

LSC Area Percent Report

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Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-74

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

72	19.493	2686	2690	2698	rVB4	18252	35967	3.21%	0.309%
73	19.840	2744	2749	2751	rBV2	40670	57073	5.10%	0.490%
74	19.981	2768	2773	2783	rBV2	118397	195206	17.45%	1.677%
75	20.140	2797	2800	2805	rVB5	9181	13641	1.22%	0.117%
76	20.240	2813	2817	2827	rVB3	37817	53567	4.79%	0.460%
77	20.457	2848	2854	2863	rVB	484226	652860	58.35%	5.607%
78	21.121	2964	2967	2974	rVB8	17849	32730	2.93%	0.281%
79	21.256	2988	2990	2994	rVB2	17656	18865	1.69%	0.162%
80	21.303	2995	2998	3002	rVB4	14297	19173	1.71%	0.165%
81	21.820	3081	3086	3097	rBV	103768	186597	16.68%	1.603%
82	22.102	3129	3134	3139	rBV	59286	92097	8.23%	0.791%
83	22.267	3154	3162	3175	rVB	583373	1118823	100.00%	9.609%
84	23.559	3379	3382	3389	rVB7	23426	45975	4.11%	0.395%
85	24.147	3480	3482	3489	rVB6	14099	22876	2.04%	0.196%
86	25.950	3777	3789	3805	rVB3	306328	1046045	93.50%	8.984%

Sum of corrected areas: 11642918

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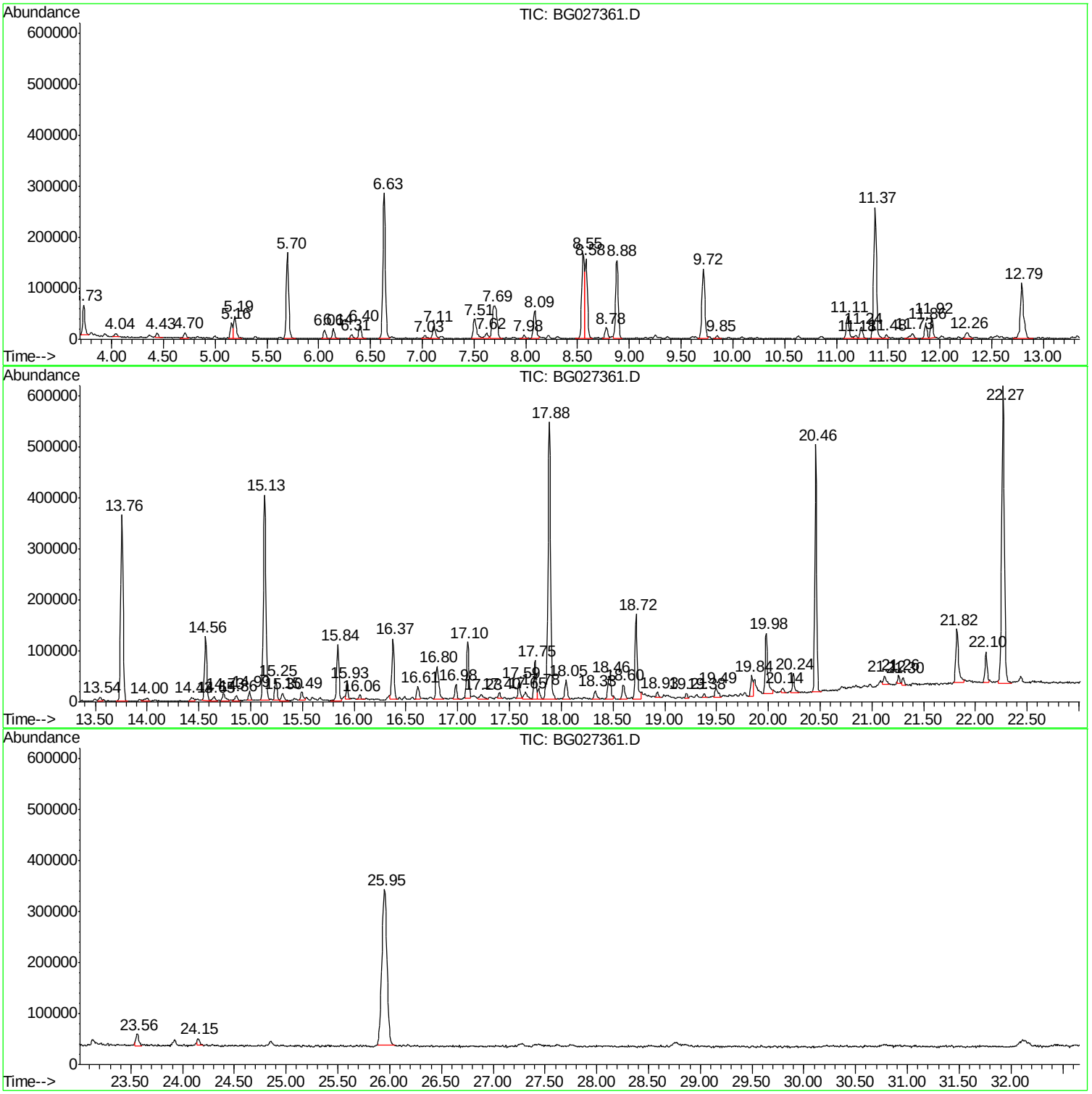
Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
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Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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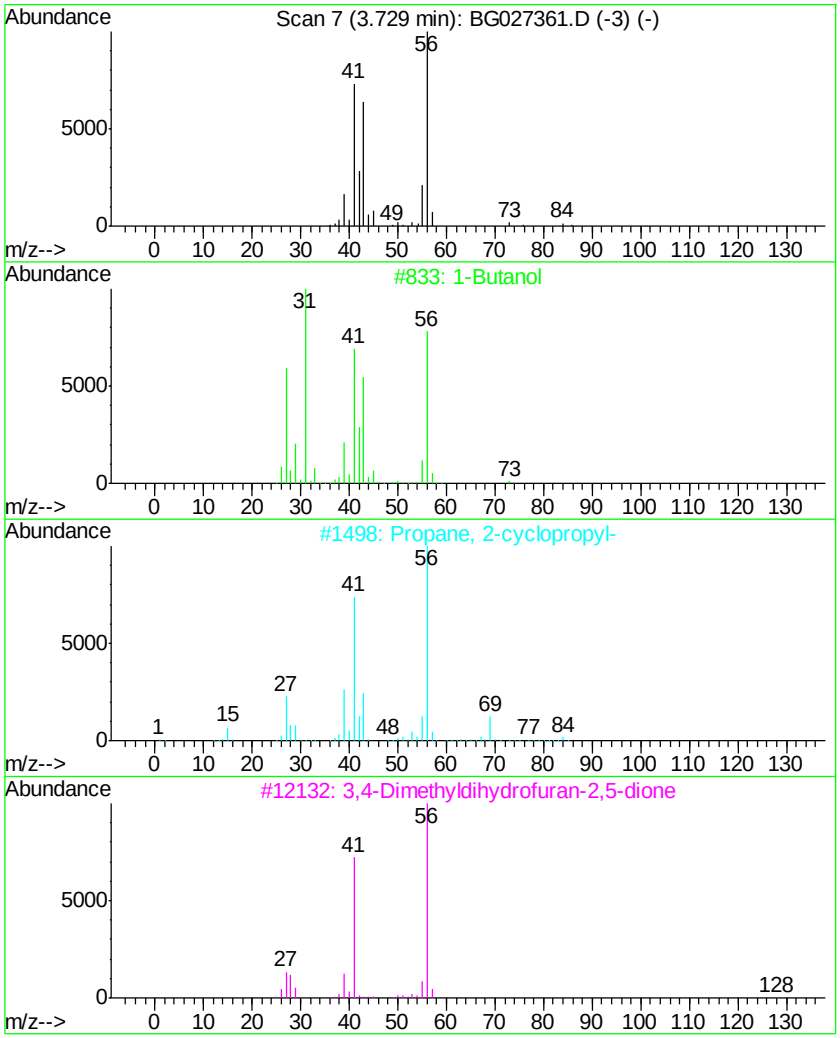
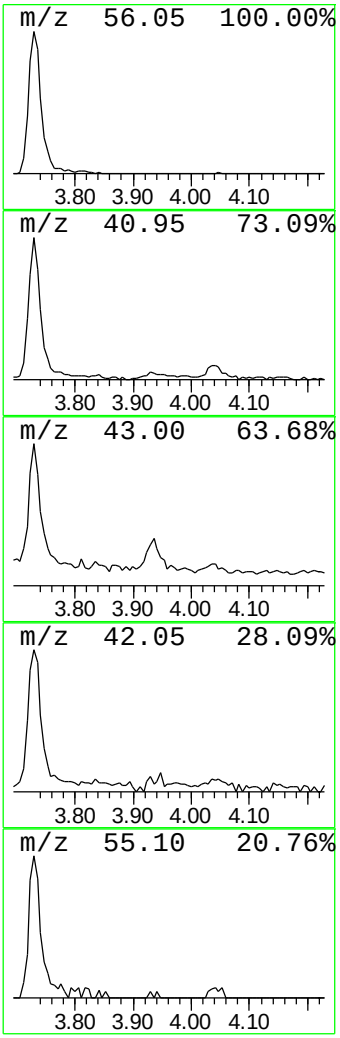
Peak Number 1 1-Butanol Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	5.11 ng	84667	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	78
2	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	53
3	3,4-Dimethyldihydrofuran-2,5-dione	128	C6H8O3	007475-92-5	40
4	Cyclobutane, ethyl-	84	C6H12	004806-61-5	9
5	Furan, tetrahydro-3-methyl-	86	C5H10O	013423-15-9	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027361.D
Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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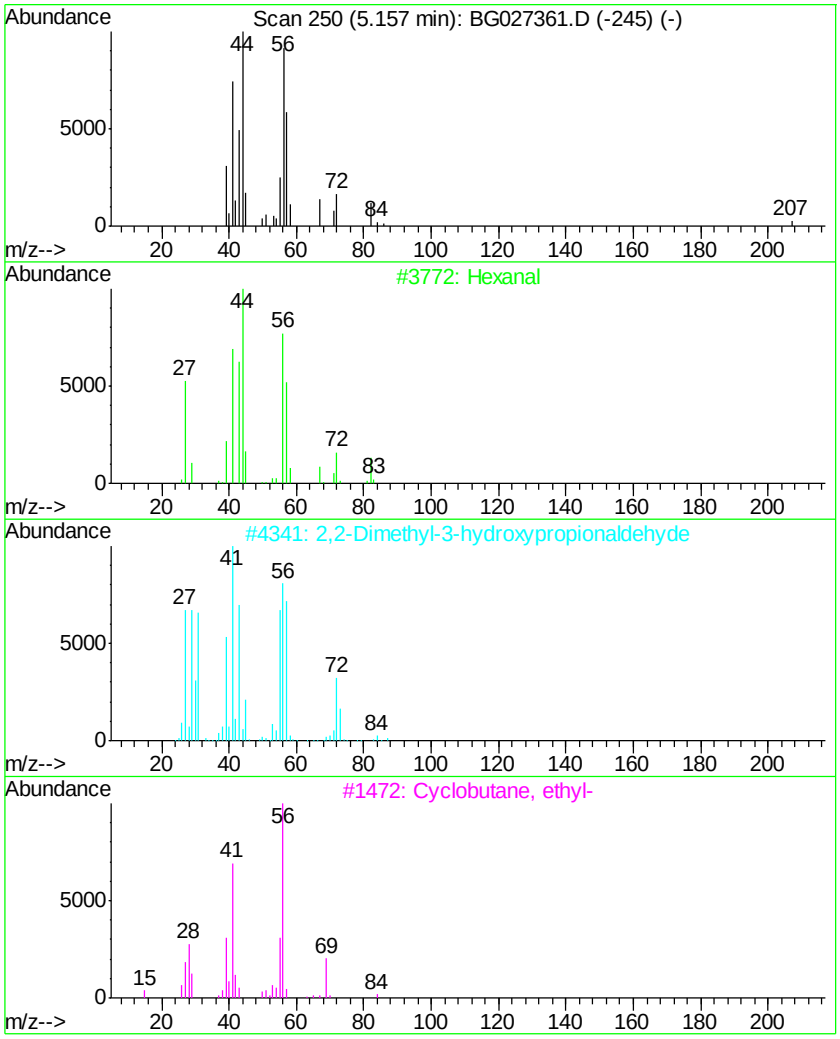
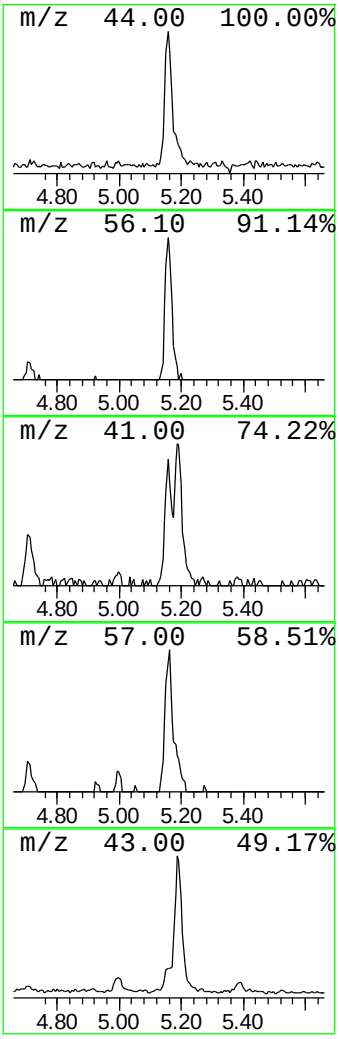
Peak Number 2 Hexanal Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.16	2.60 ng	43024	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanal	100	C6H12O	000066-25-1	90
2	2,2-Dimethyl-3-hydroxypropionald...	102	C5H10O2	000597-31-9	43
3	Cyclobutane, ethyl-	84	C6H12	004806-61-5	38
4	Propane, 2-cyclopropyl-	84	C6H12	003638-35-5	35
5	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	35





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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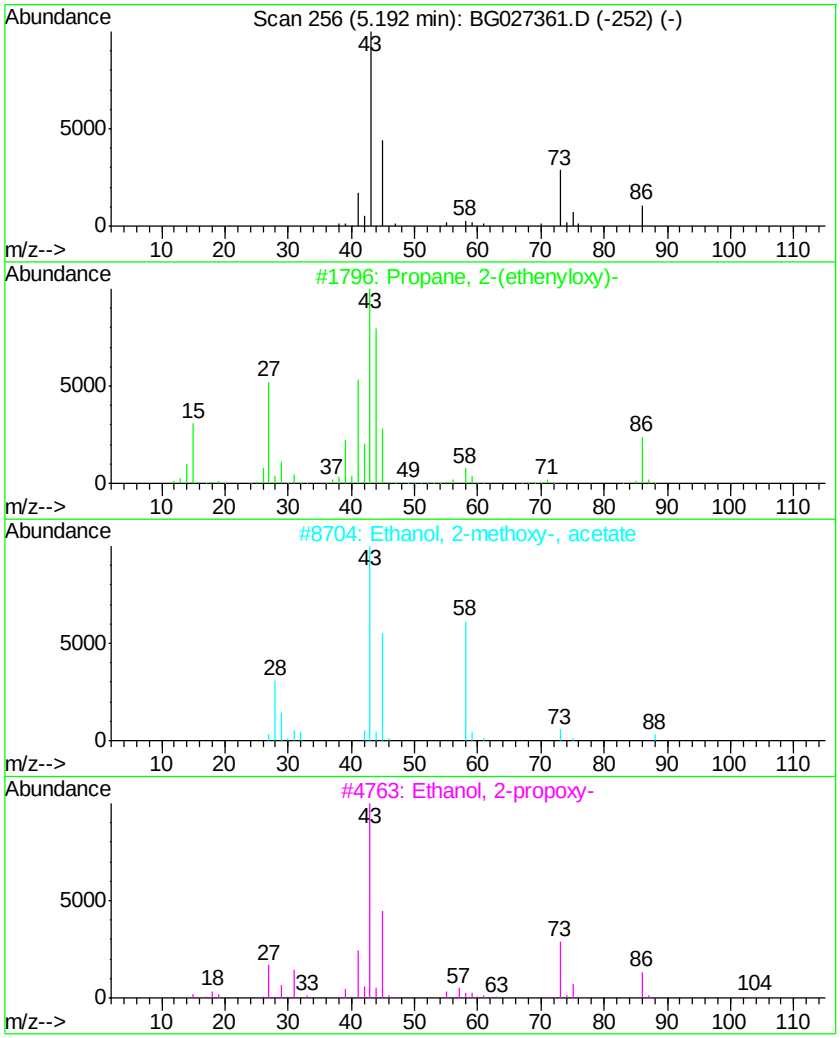
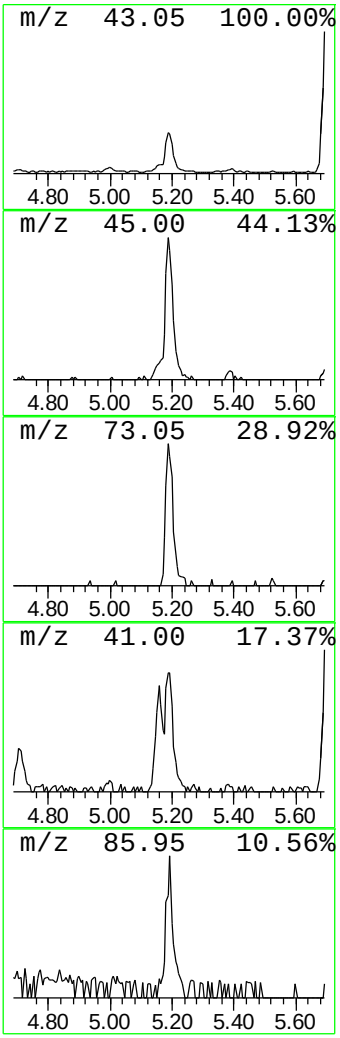
Peak Number 3 unknown5.19 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	4.53 ng	75028	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-(ethenyloxy)-	86	C5H10O	000926-65-8	9
2	Ethanol, 2-methoxy-, acetate	118	C5H10O3	000110-49-6	9
3	Ethanol, 2-propoxy-	104	C5H12O2	002807-30-9	9
4	Oxirane, 2,3-dimethyl-, cis-	72	C4H8O	001758-33-4	9
5	Oxirane, 2,3-dimethyl-, trans-	72	C4H8O	021490-63-1	9





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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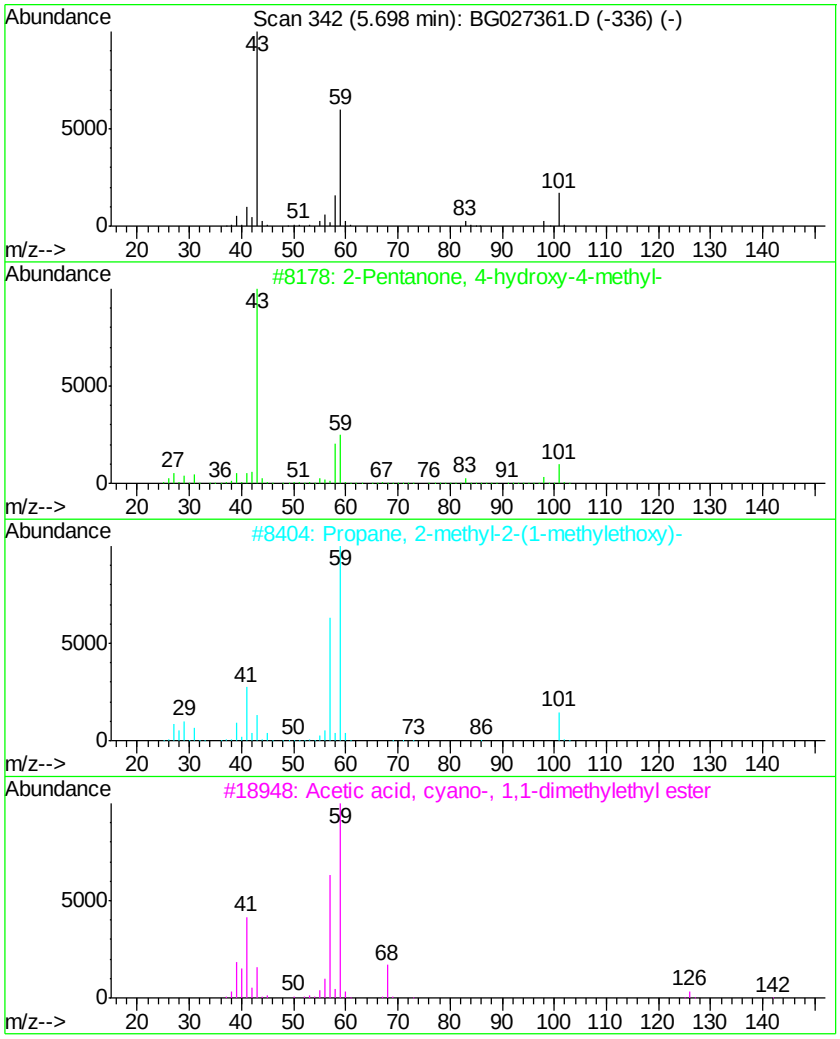
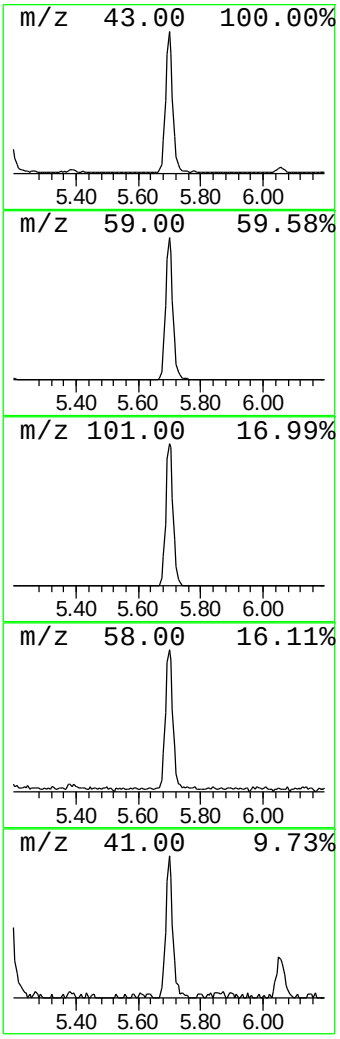
Peak Number 4 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.70	16.47 ng	272718	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32
4	2-Pentanol, 2,4-dimethyl-	116	C7H16O	000625-06-9	28
5	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28





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Data File : BG027361.D
Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-74

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

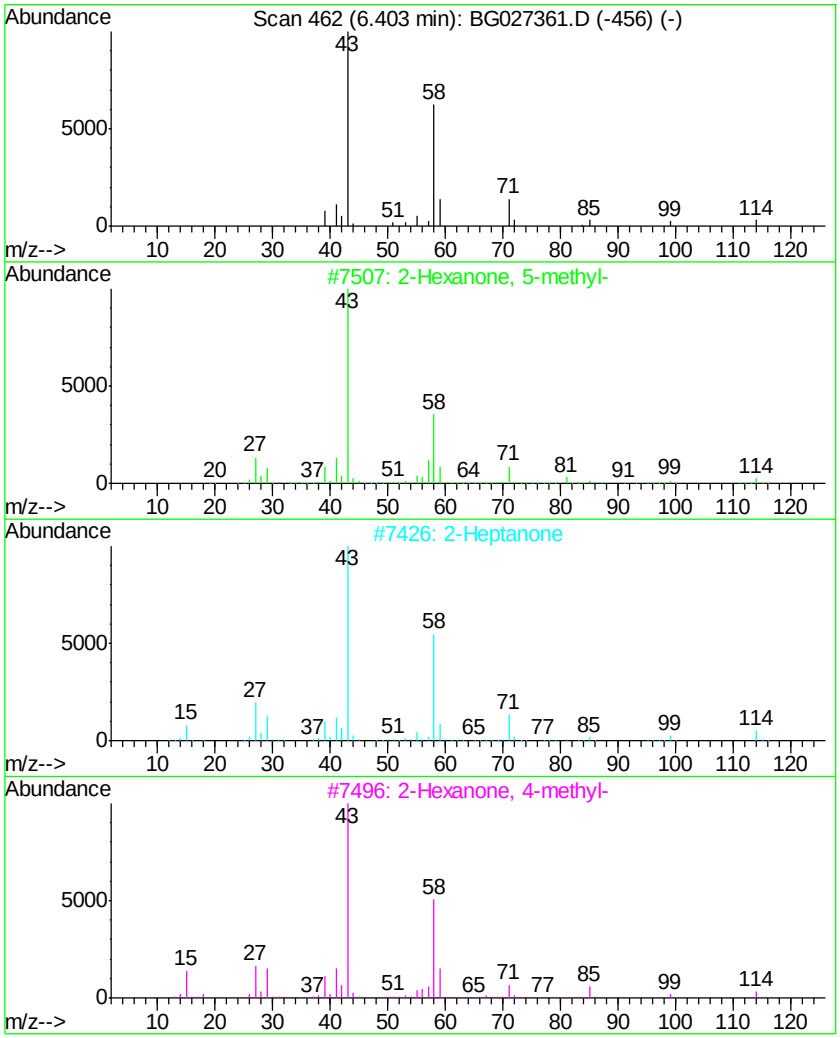
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

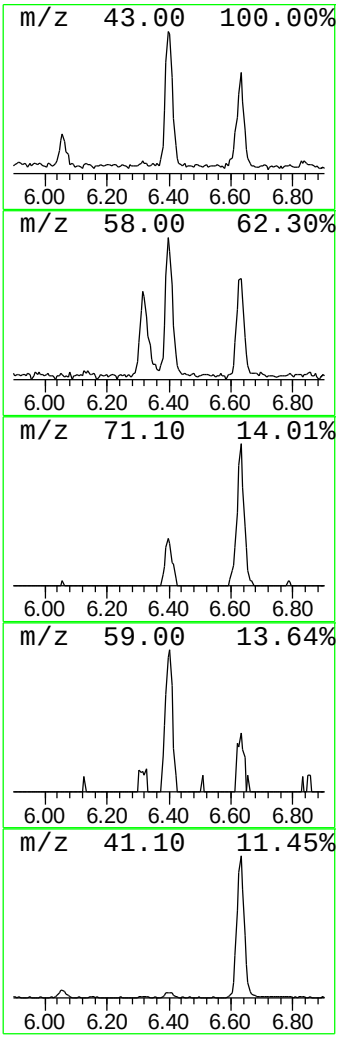
****

Peak Number 5 2-Hexanone, 5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	2.57 ng	42540	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	86
2	2-Heptanone	114	C7H14O	000110-43-0	83
3	2-Hexanone, 4-methyl-	114	C7H14O	000105-42-0	72
4	8-Hydroxy-2-octanone	144	C8H16O2	025368-54-1	40
5	1-Butoxy-2-propanol acetate	174	C9H18O3	085409-76-3	39





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Data File : BG027361.D
Acq On : 10 Jun 2017 00:03
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Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-74

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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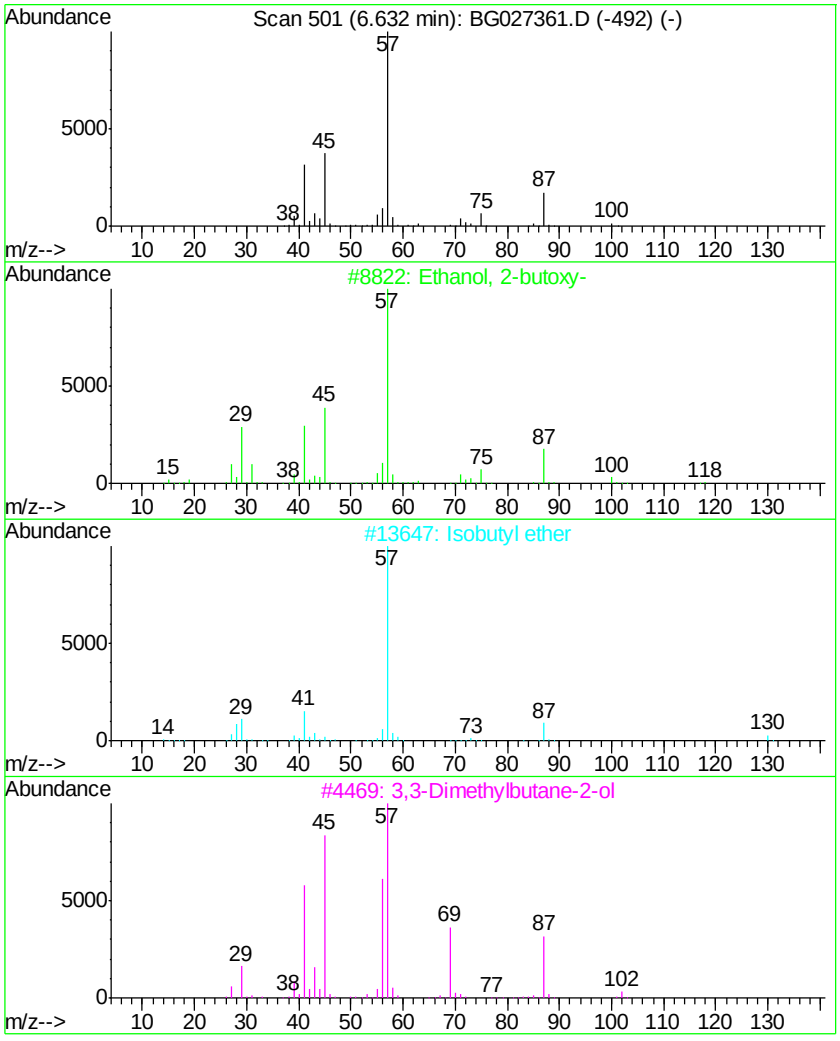
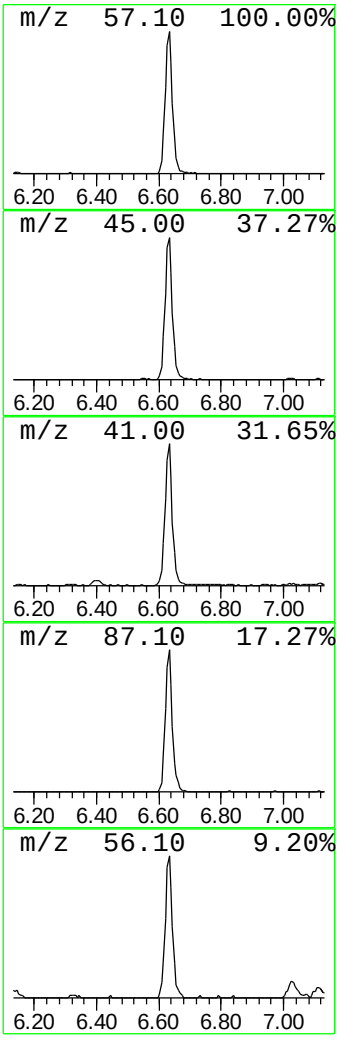
Peak Number 6 Ethanol, 2-butoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	28.57 ng	473144	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-butoxy-	118	C6H14O2	000111-76-2	78
2	Isobutyl ether	130	C8H18O	000628-55-7	37
3	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	37
4	Sulfurous acid, dibutyl ester	194	C8H18O3S	000626-85-7	35
5	n-Butyl ether	130	C8H18O	000142-96-1	25





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Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
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Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-74

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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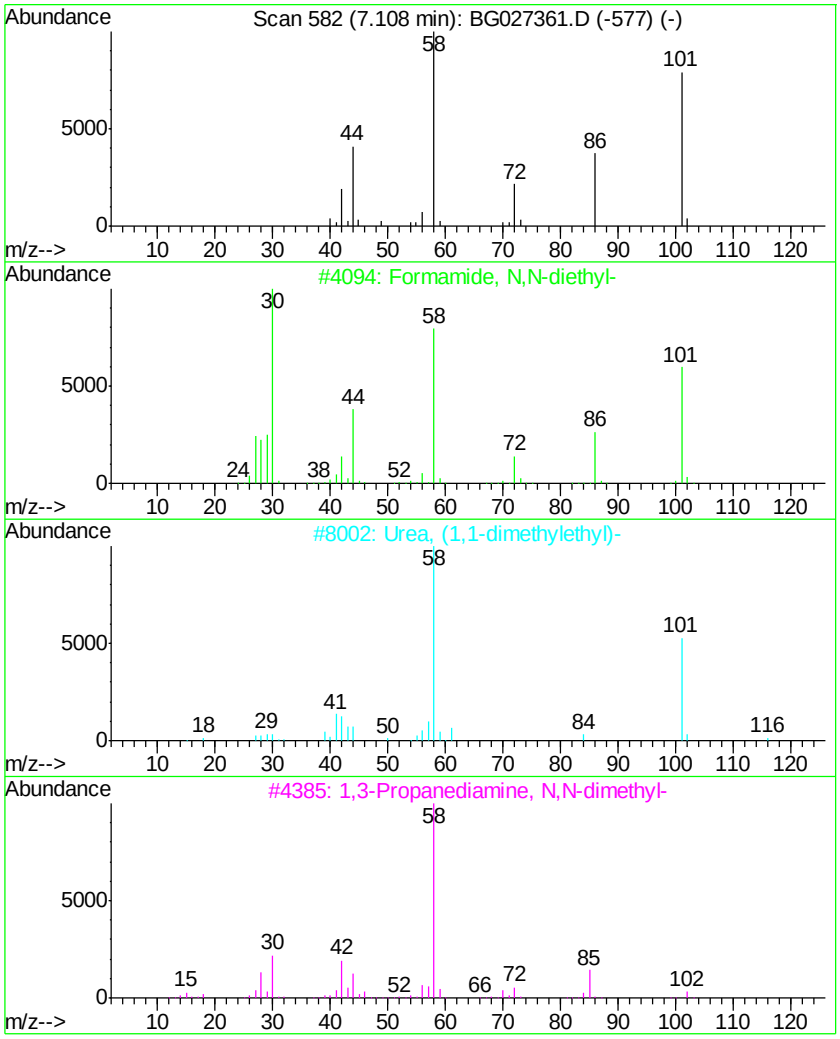
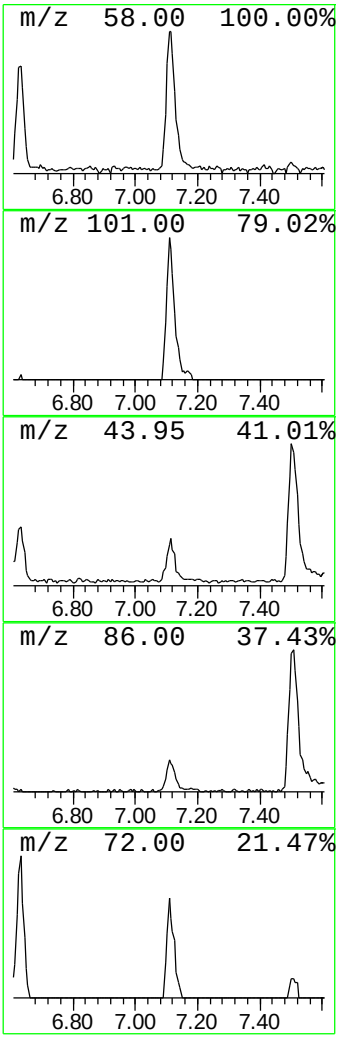
Peak Number 7 Formamide, N,N-diethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	2.92 ng	48374	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	91
2	Urea, (1,1-dimethylethyl)-	116	C5H12N2O	001118-12-3	40
3	1,3-Propanediamine, N,N-dimethyl-	102	C5H14N2	000109-55-7	38
4	Methanediamine, N,N,N',N'-tetram...	102	C5H14N2	000051-80-9	35
5	Propanamide, N,N-dimethyl-	101	C5H11NO	000758-96-3	35





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ClientSampleId : PURGE-WATER-NRL-74

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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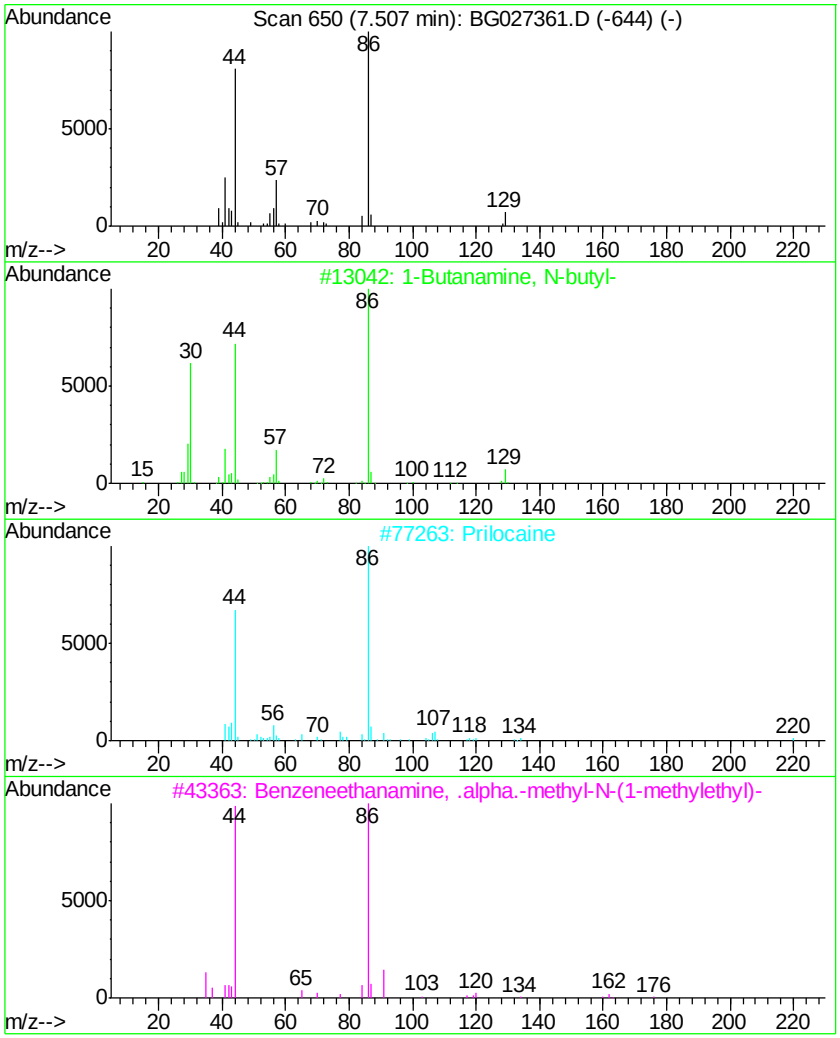
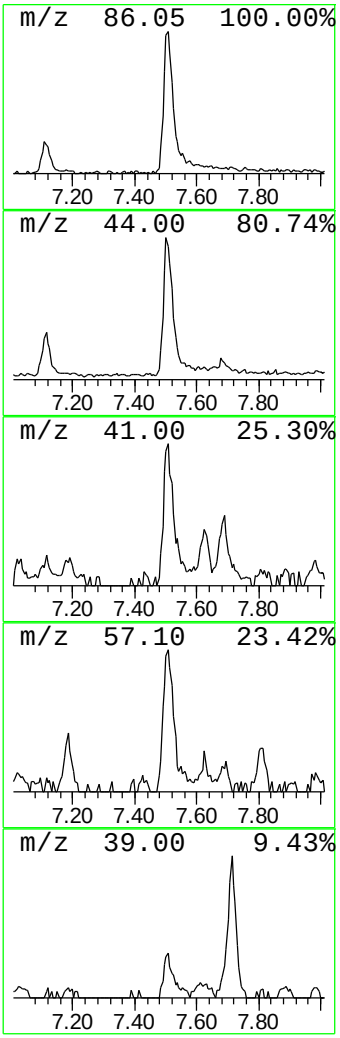
Peak Number 8 1-Butanamine, N-butyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.51	5.33 ng	88212	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, N-butyl-	129	C8H19N	000111-92-2	91
2	Prilocaine	220	C13H20N2O	000721-50-6	83
3	Benzeneethanamine, .alpha.-methy...	177	C12H19N	033236-69-0	72
4	7-Bromo-6-(2-diethylaminoethoxy)...	435	C19H22BrN3O2S	299962-65-5	47
5	1-Butanamine, N,N-diethyl-	129	C8H19N	004444-68-2	47





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ClientSampleId :
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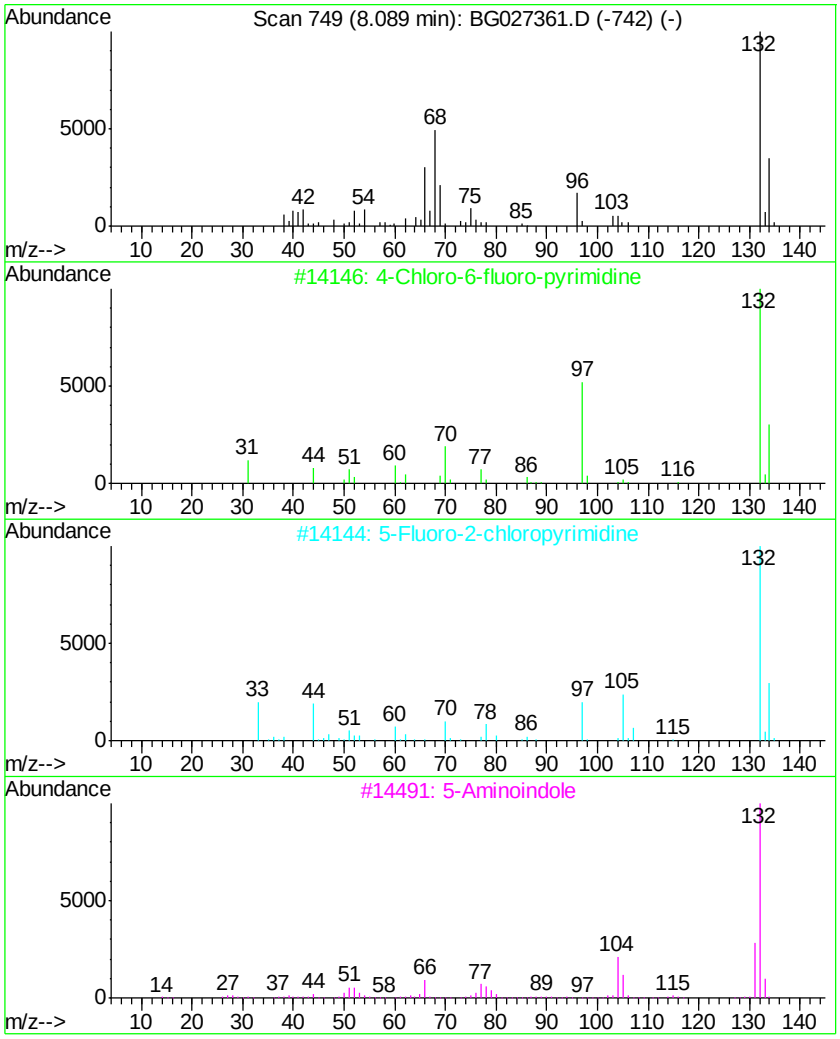
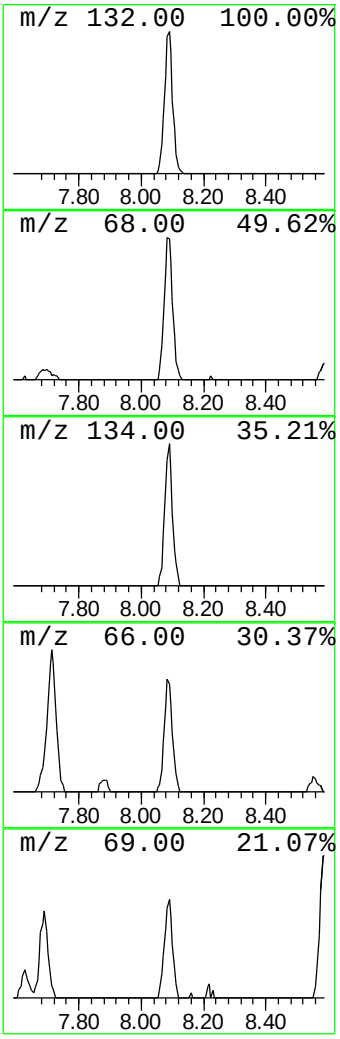
Peak Number 9 unknown8.09 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.09	6.35 ng	105094	1,4-Dichlorobenzene-d4	8.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	9
5	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	9





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ClientSampleId :
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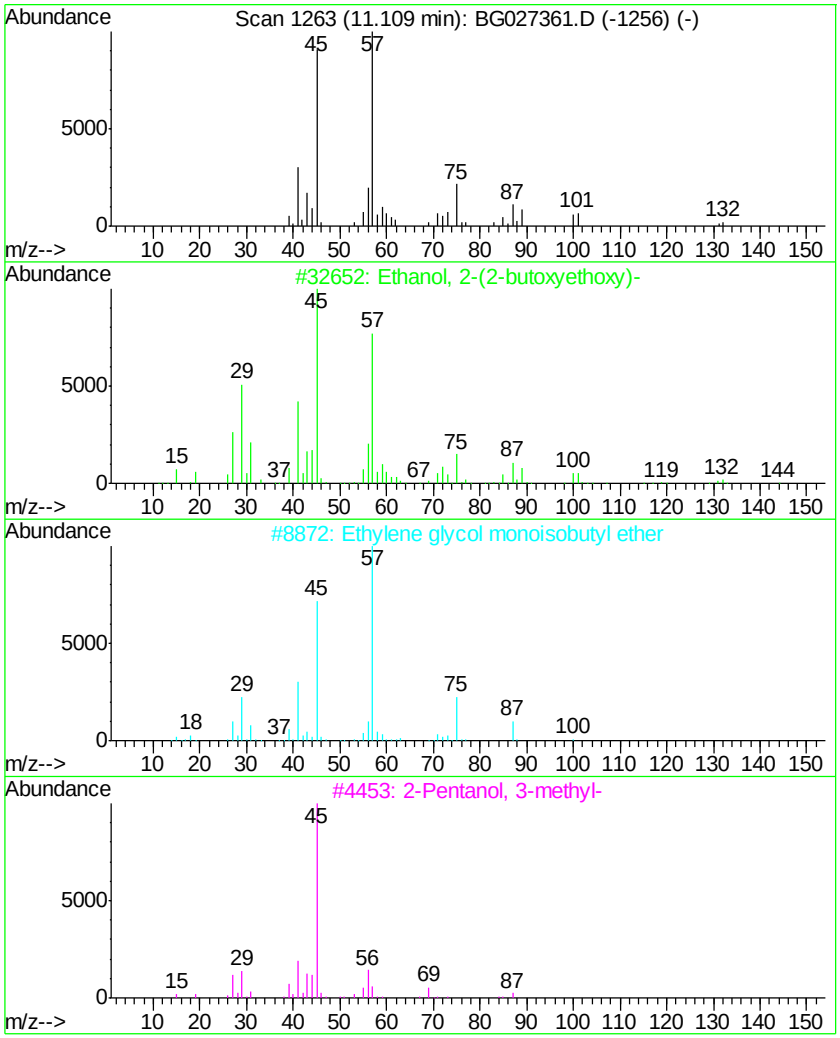
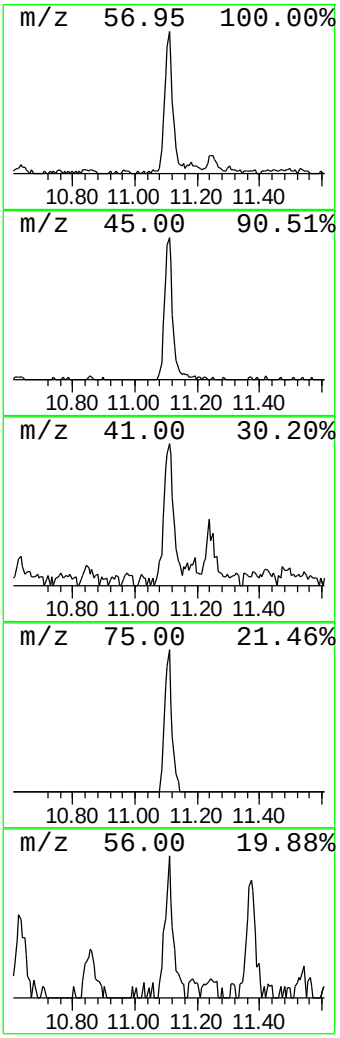
Peak Number 11 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.11	3.35 ng	81697	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	83
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	50
3	2-Pentanol, 3-methyl-	102	C6H14O	000565-60-6	47
4	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	43
5	Tetraethylene glycol	194	C8H18O5	000112-60-7	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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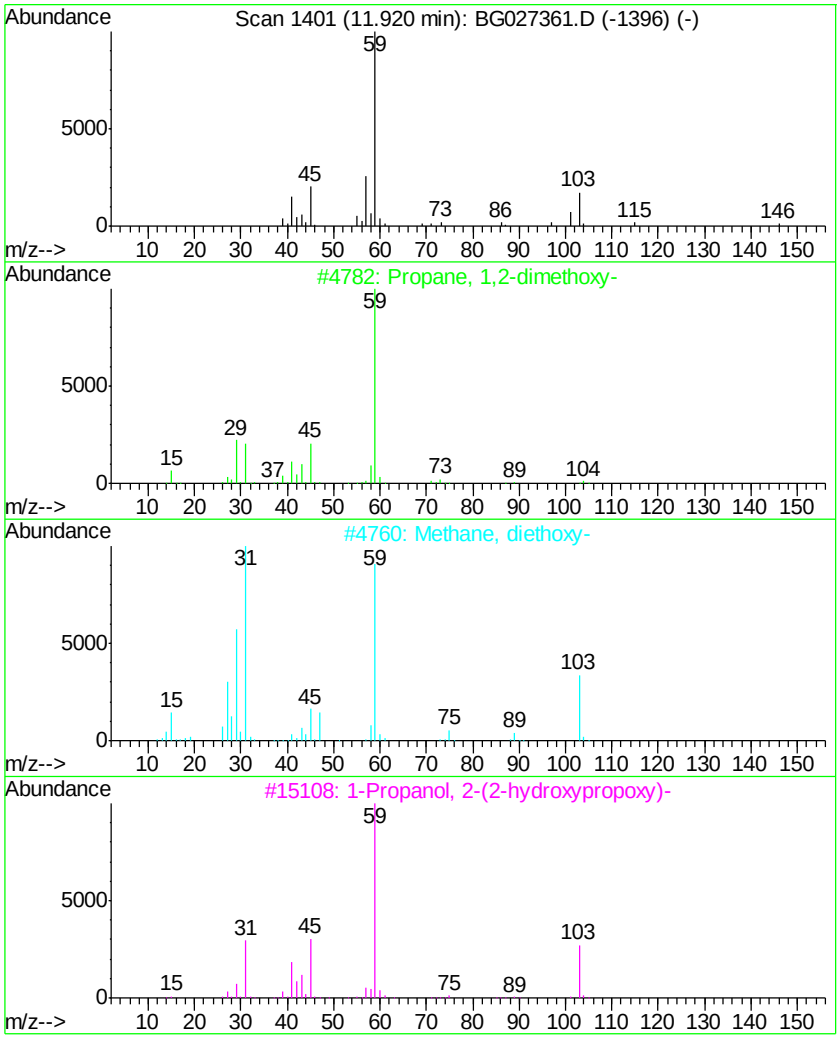
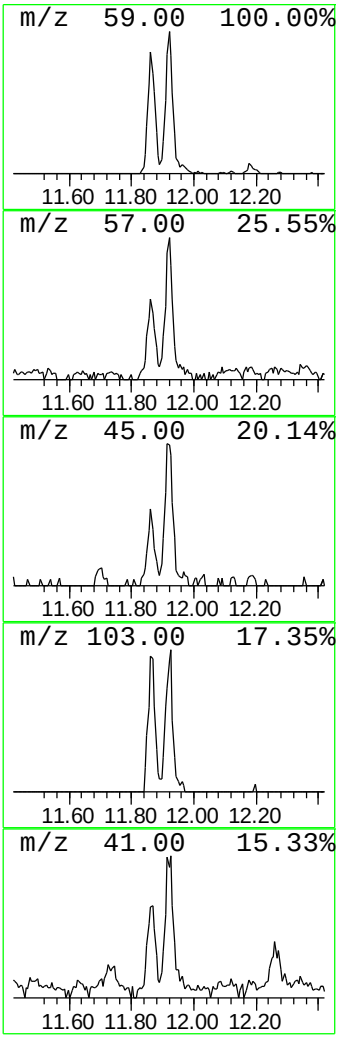
Peak Number 12 Propane, 1,2-dimethoxy- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.92	2.59 ng	63161	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,2-dimethoxy-	104	C5H12O2	007778-85-0	72
2	Methane, diethoxy-	104	C5H12O2	000462-95-3	72
3	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	72
4	2-Propanol, 1-(2-butoxy-1-methyl...	190	C10H22O3	029911-28-2	72
5	2-Butanol, 3-methoxy-	104	C5H12O2	053778-72-6	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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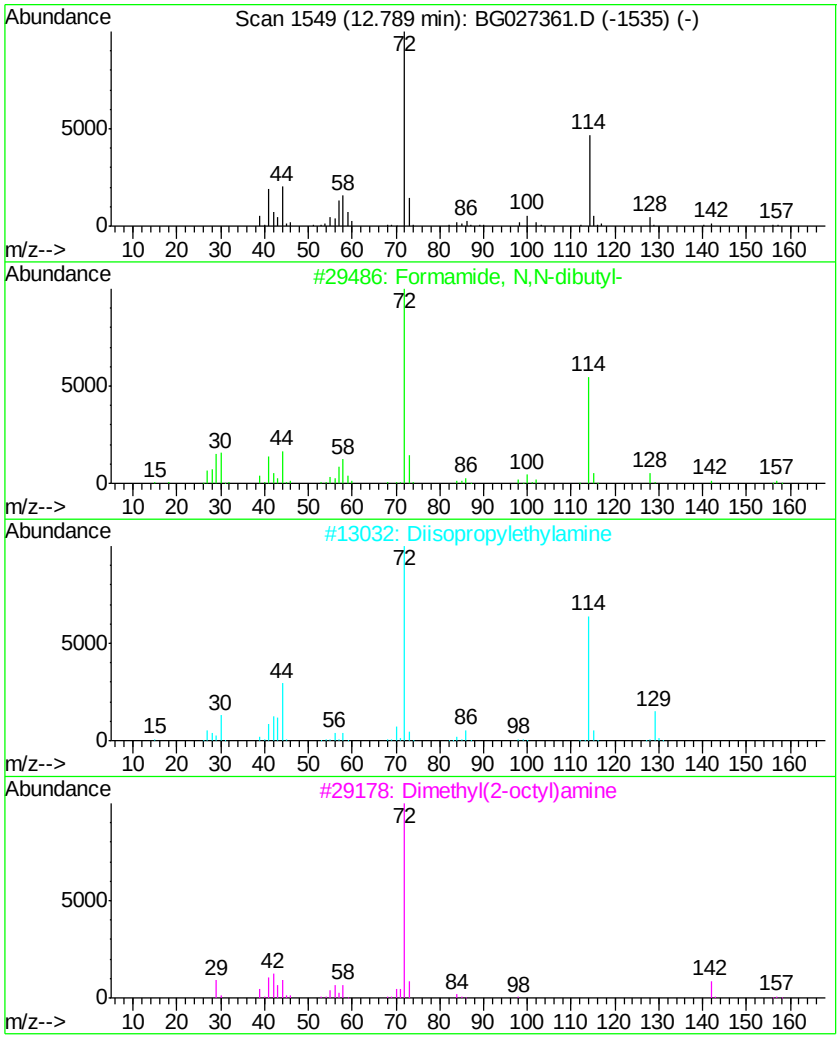
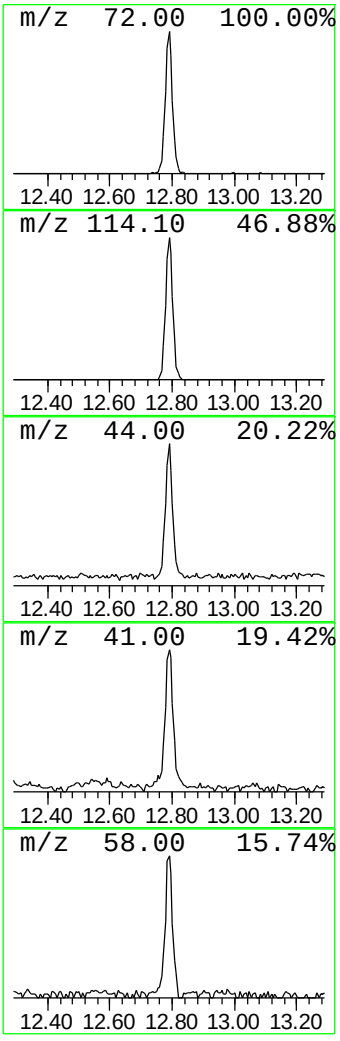
Peak Number 13 Formamide, N,N-dibutyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.79	9.71 ng	236941	Naphthalene-d8	11.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Formamide, N,N-dibutyl-	157	C9H19NO	000761-65-9	64
2	Diisopropylethylamine	129	C8H19N	007087-68-5	43
3	Dimethyl(2-octyl)amine	157	C10H23N	007378-97-4	43
4	Isobutyl-propyl-amine	115	C7H17N	039190-66-4	43
5	1-Butanamine, N-(1-methylethyl)-	115	C7H17N	039099-23-5	43





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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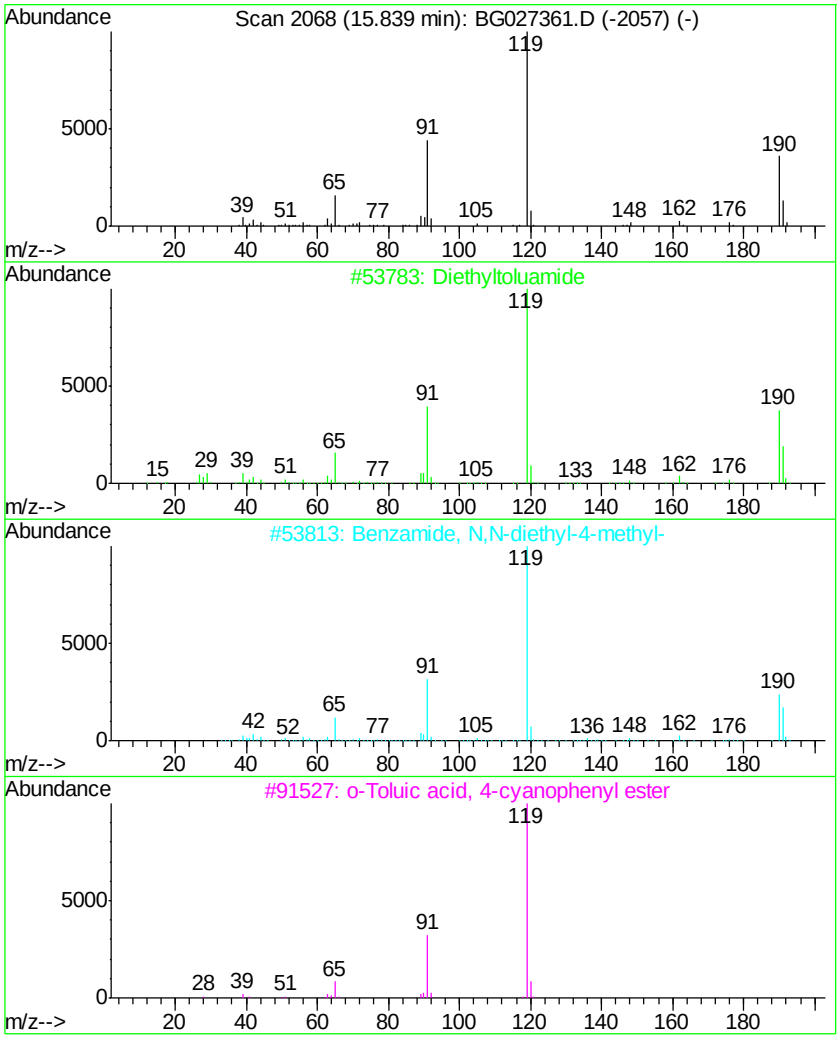
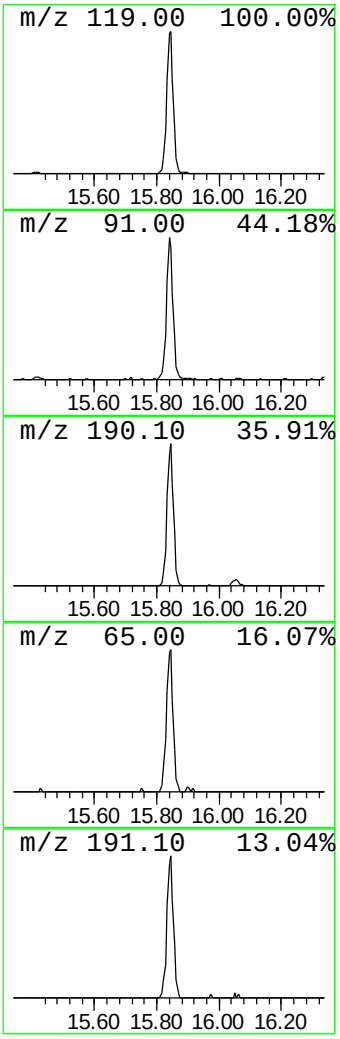
Peak Number 14 Diethyltoluamide Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.84	5.04 ng	171649	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3	97
2	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4	87
3	o-Toluic acid, 4-cyanophenyl ester	237	C15H11NO2	1000307-45-8	53
4	p-Toluic acid, cyclobutyl ester	190	C12H14O2	1000292-21-4	53
5	2,5-Pyrrolidinedione, 1-[(2-meth...	233	C12H11NO4	110920-14-4	53





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ClientSampleId :
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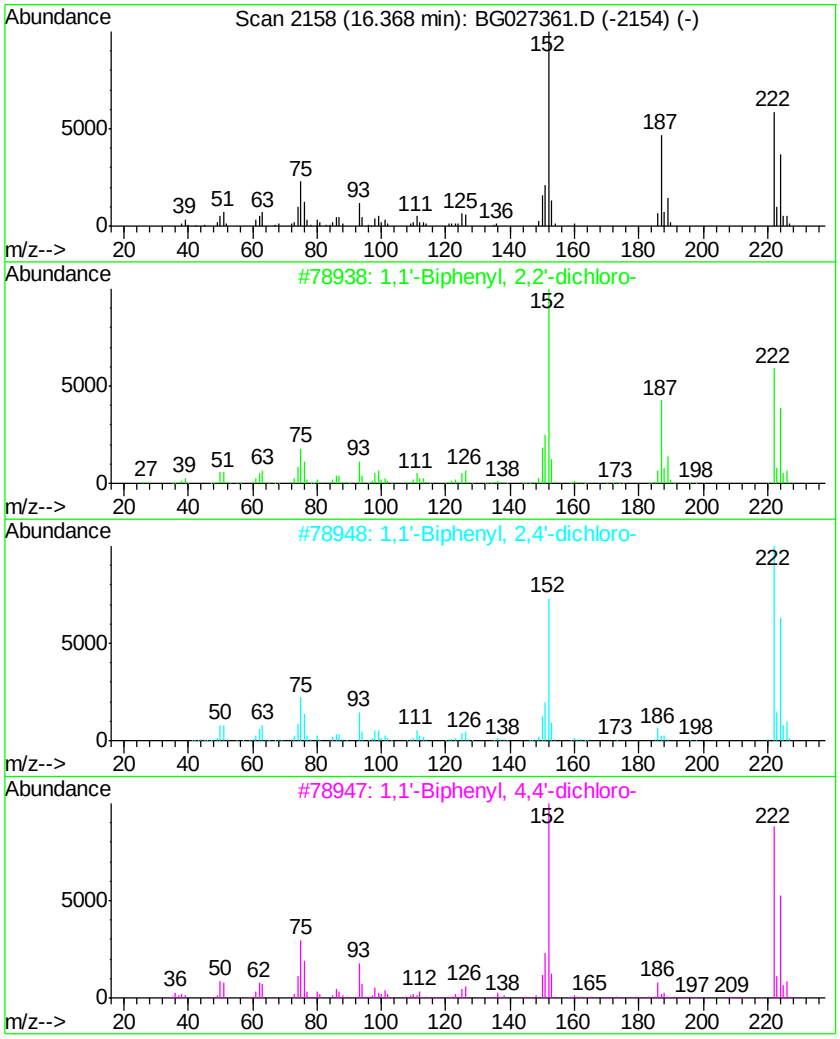
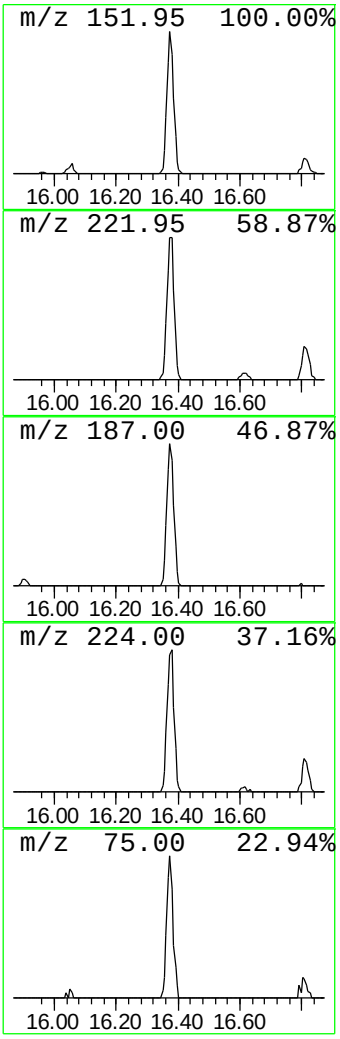
Peak Number 15 1,1'-Biphenyl, 2,2'-dichloro- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.37	5.20 ng	177024	Acenaphthene-d10	15.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 2,2'-dichloro-	222	C12H8Cl2	013029-08-8	99
2	1,1'-Biphenyl, 2,4'-dichloro-	222	C12H8Cl2	034883-43-7	98
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	97
4	1,1'-Biphenyl, 2,3-dichloro-	222	C12H8Cl2	016605-91-7	97
5	1,1'-Biphenyl, 2,5-dichloro-	222	C12H8Cl2	034883-39-1	97





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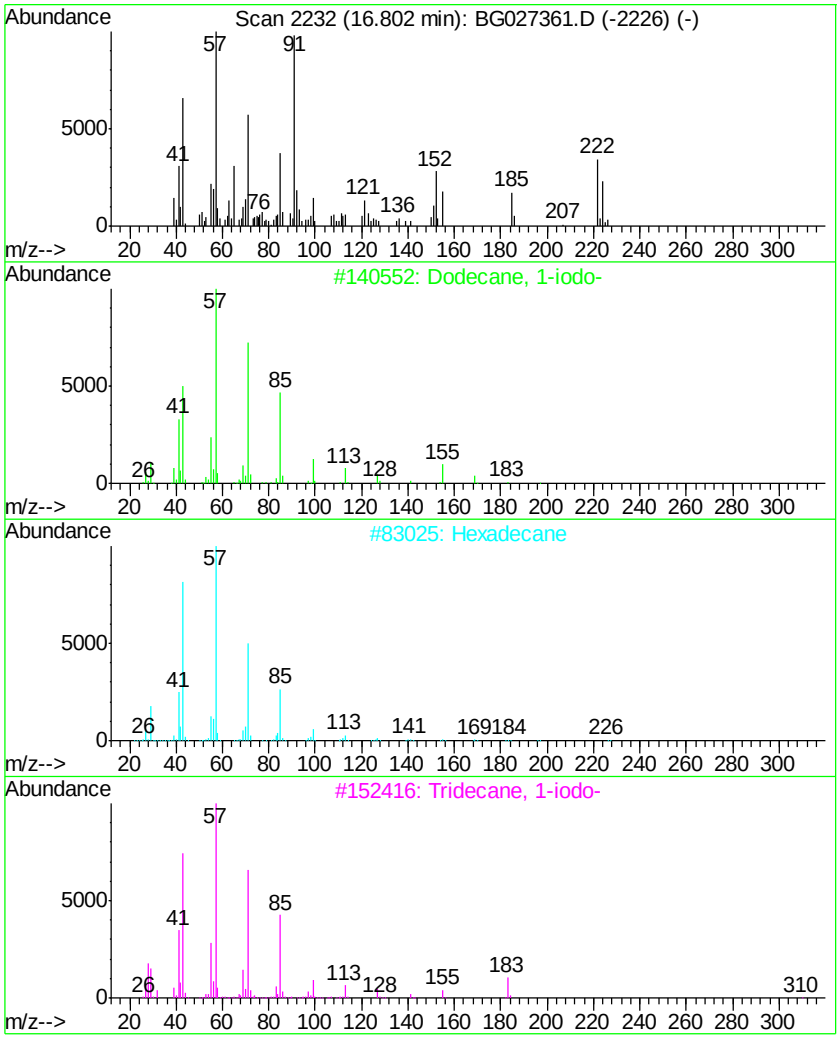
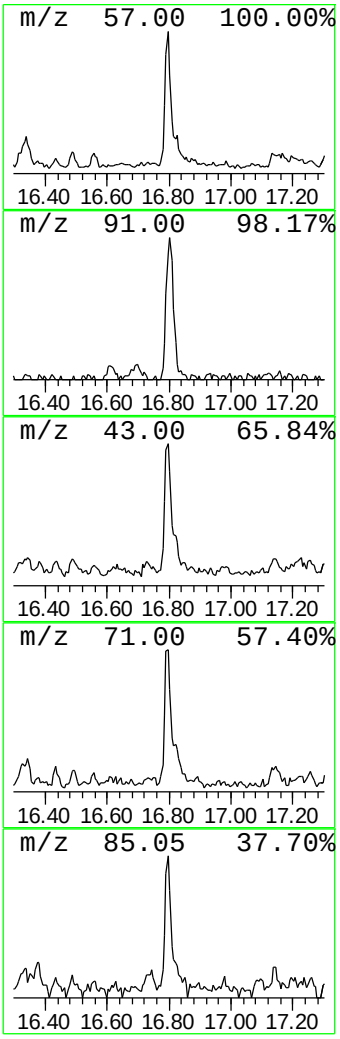
Peak Number 16 Dodecane, 1-iodo- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	2.80 ng	132115	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	58
2	Hexadecane	226	C16H34	000544-76-3	52
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52
4	Heptadecane	240	C17H36	000629-78-7	50
5	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	50





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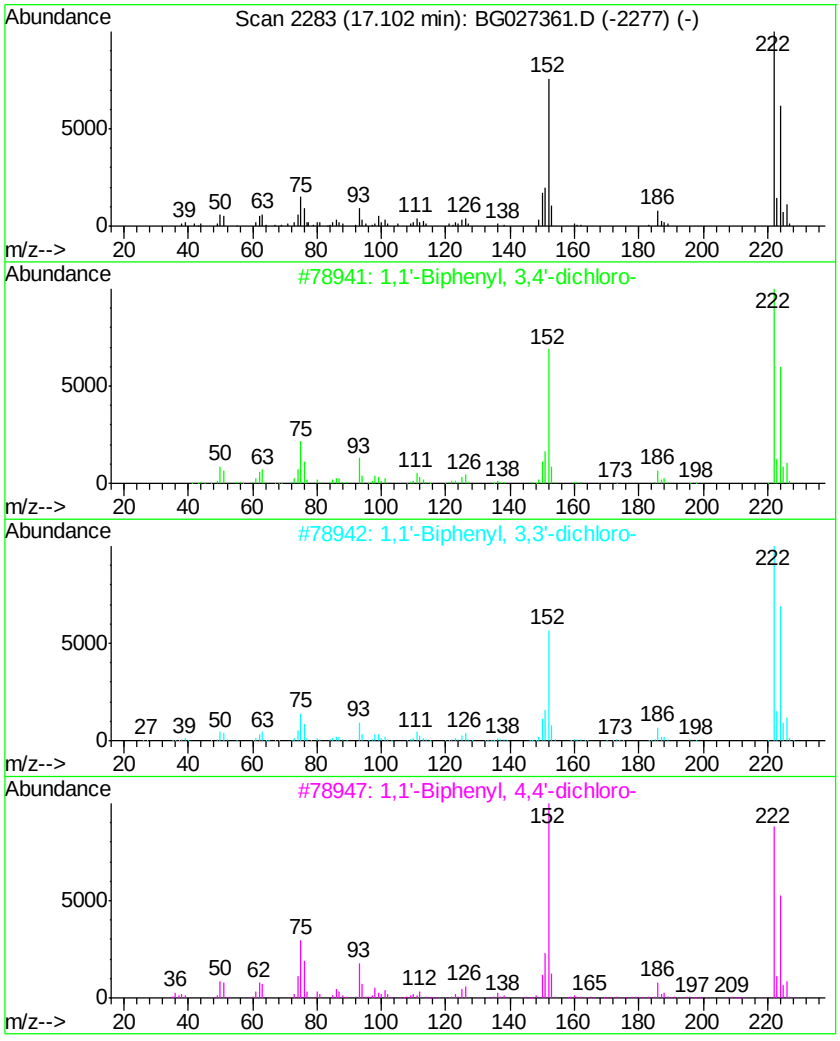
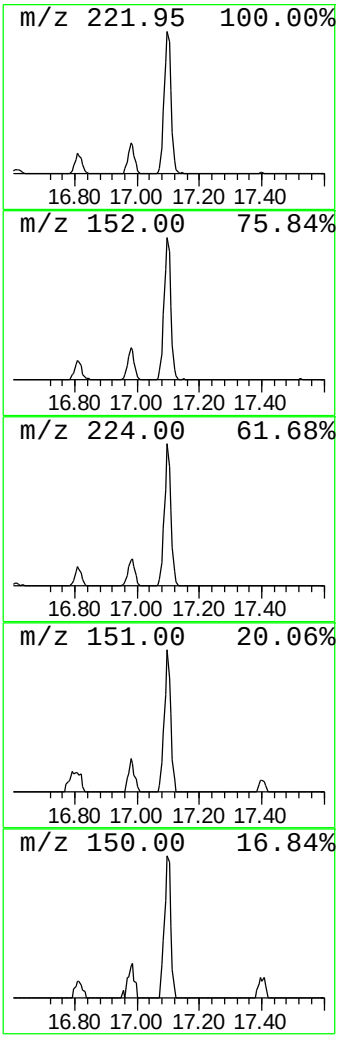
Peak Number 17 1,1'-Biphenyl, 3,4'-dichloro- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	3.47 ng	163635	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Biphenyl, 3,4'-dichloro-	222	C12H8Cl2	002974-90-5	99
2	1,1'-Biphenyl, 3,3'-dichloro-	222	C12H8Cl2	002050-67-1	99
3	1,1'-Biphenyl, 4,4'-dichloro-	222	C12H8Cl2	002050-68-2	98
4	1,1'-Biphenyl, 3,4-dichloro-	222	C12H8Cl2	002974-92-7	98
5	1,1'-Biphenyl, 2,4-dichloro-	222	C12H8Cl2	033284-50-3	98





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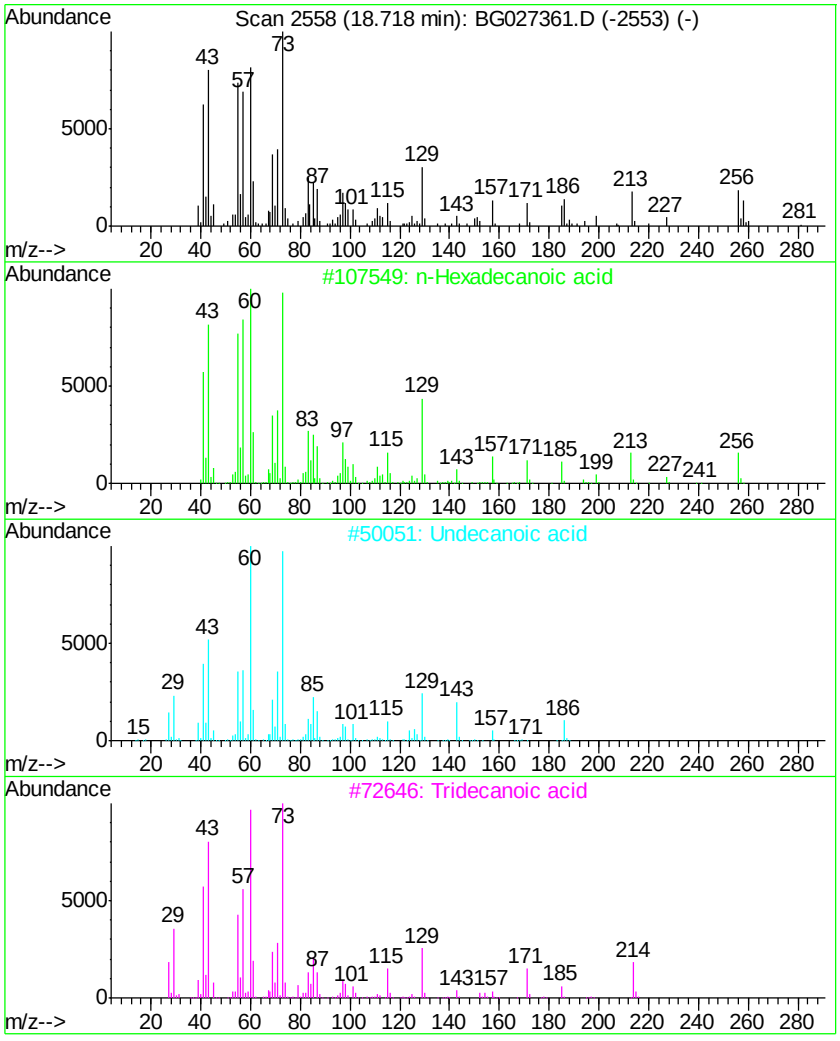
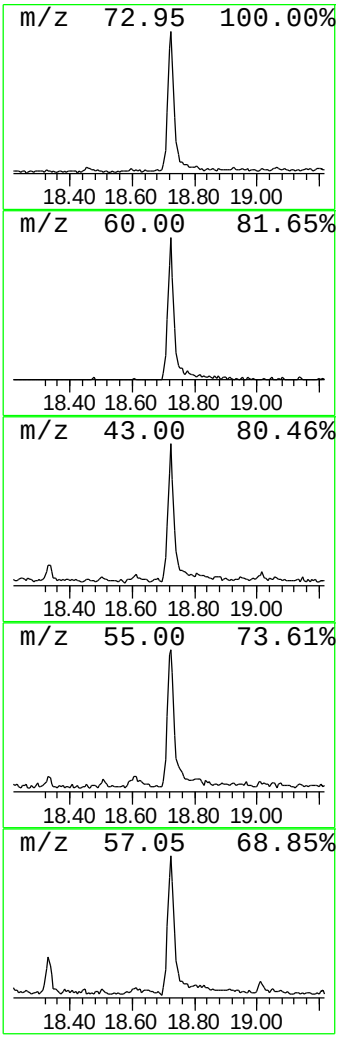
Peak Number 18 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	5.43 ng	256211	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Undecanoic acid	186	C11H22O2	000112-37-8	86
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027361.D
Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PURGE-WATER-NRL-74

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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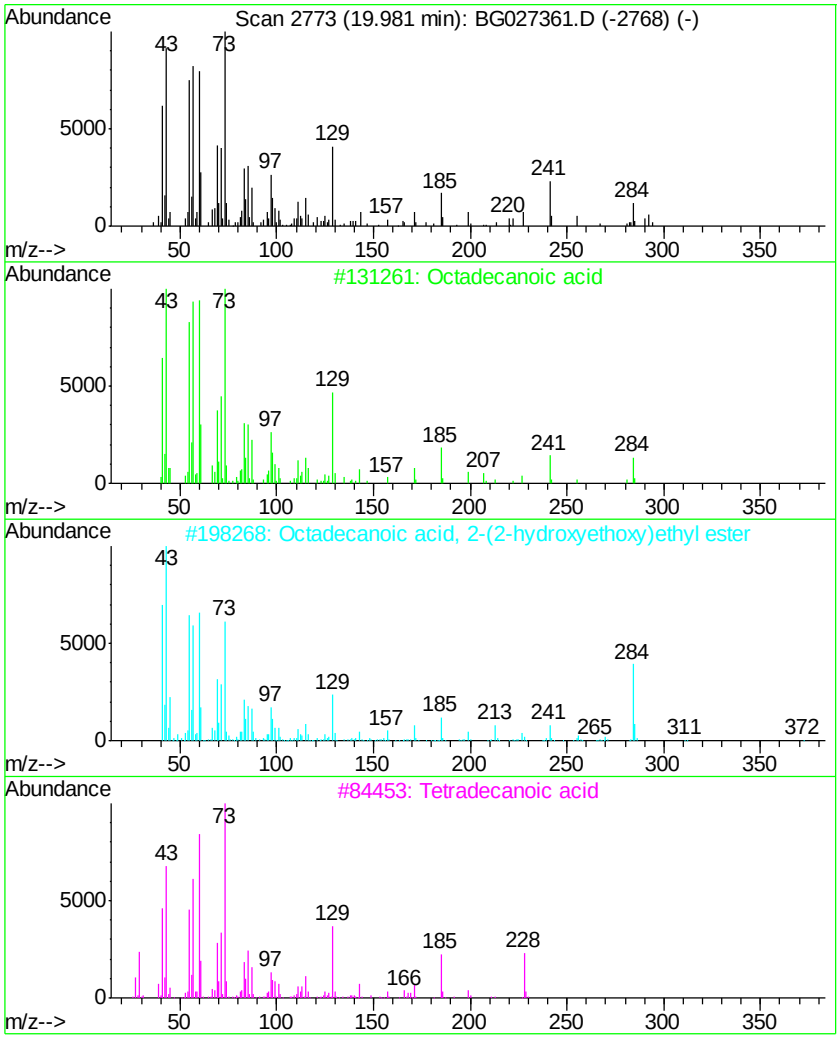
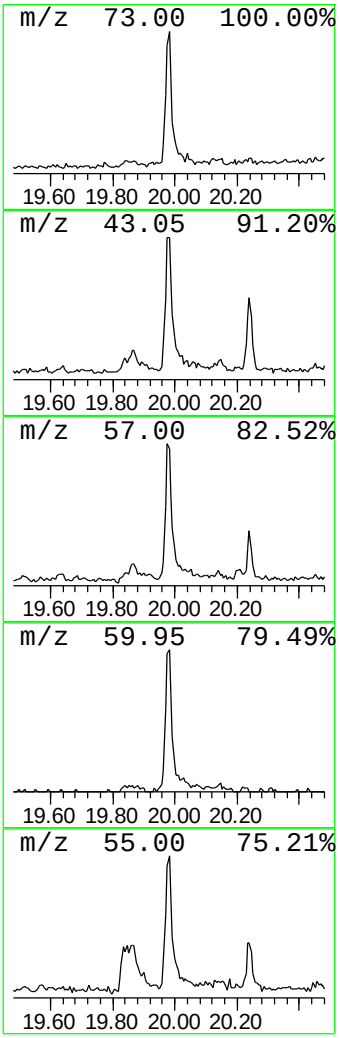
Peak Number 19 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.98	4.13 ng	195206	Phenanthrene-d10	17.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027361.D
Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-74

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

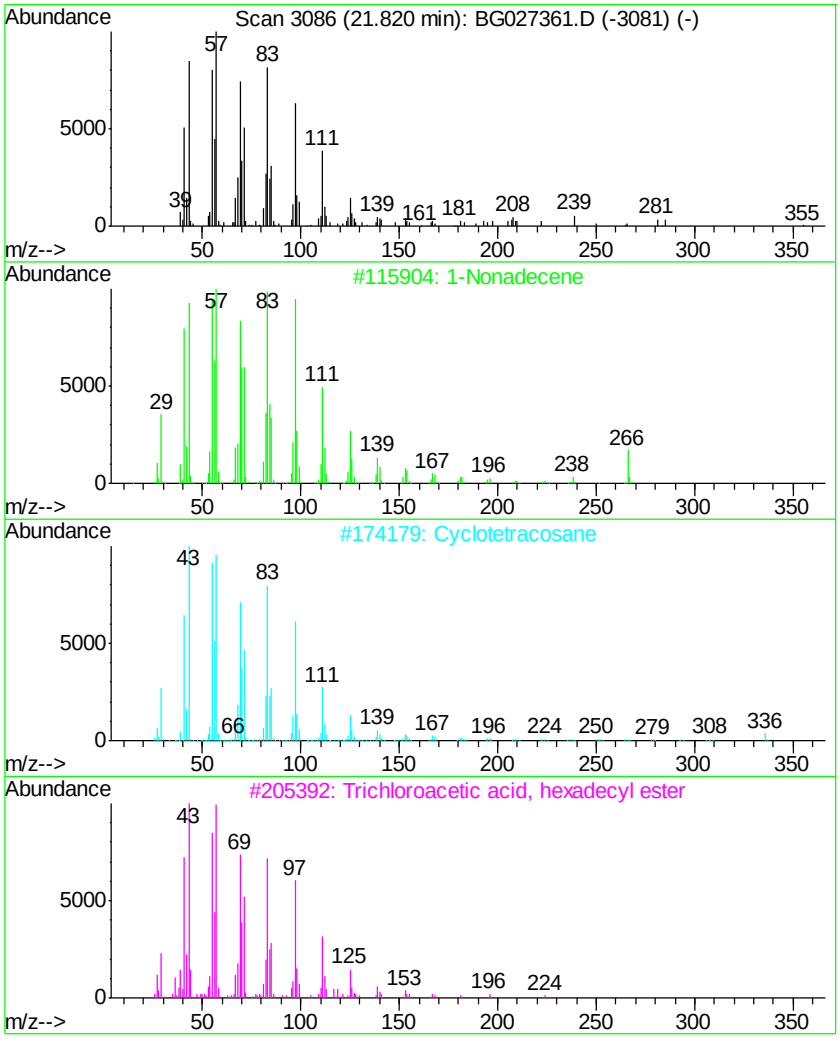
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

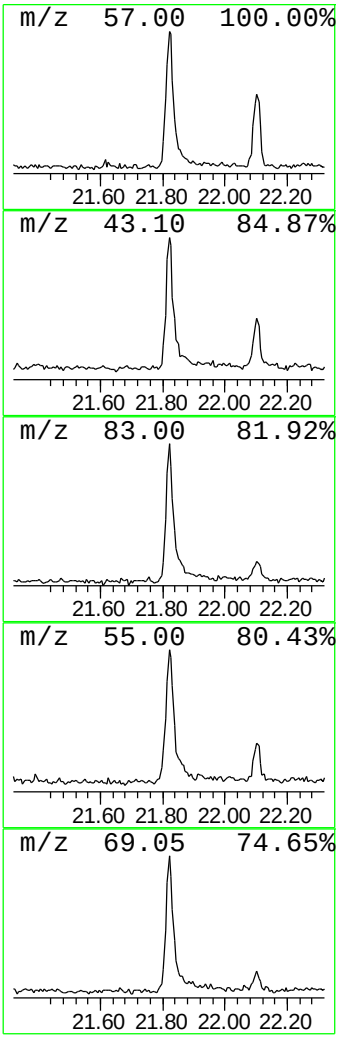
****

Peak Number 20 1-Nonadecene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	3.34 ng	186597	Chrysene-d12	22.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	92
2	Cyclotetracosane	336	C24H48	000297-03-0	92
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
5	1-Hexadecanol	242	C16H34O	036653-82-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060917\
Data File : BG027361.D
Acq On : 10 Jun 2017 00:03
Operator : SJ/MA
Sample : I3561-03
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PURGE-WATER-NRL-74

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1-Butanol	3.73	5.1	ng	84667	1	8.55	331245	20.0
Hexanal	5.16	2.6	ng	43024	1	8.55	331245	20.0
unknown5.19	5.19	4.5	ng	75028	1	8.55	331245	20.0
2-Pentanone, 4-hy...	5.70	16.5	ng	272718	1	8.55	331245	20.0
2-Hexanone, 5-met...	6.40	2.6	ng	42540	1	8.55	331245	20.0
Ethanol, 2-butoxy-	6.63	28.6	ng	473144	1	8.55	331245	20.0
Formamide, N,N-di...	7.11	2.9	ng	48374	1	8.55	331245	20.0
1-Butanamine, N-b...	7.51	5.3	ng	88212	1	8.55	331245	20.0
unknown8.09	8.09	6.3	ng	105094	1	8.55	331245	20.0
Ethanol, 2-(2-but...	11.11	3.4	ng	81697	2	11.37	488250	20.0
Propane, 1,2-dime...	11.92	2.6	ng	63161	2	11.37	488250	20.0
Formamide, N,N-di...	12.79	9.7	ng	236941	2	11.37	488250	20.0
Diethyltoluamide	15.84	5.0	ng	171649	3	15.13	681448	20.0
1,1'-Biphenyl, 2,...	16.37	5.2	ng	177024	3	15.13	681448	20.0
Dodecane, 1-iodo-	16.80	2.8	ng	132115	4	17.88	944195	20.0
1,1'-Biphenyl, 3,...	17.10	3.5	ng	163635	4	17.88	944195	20.0
n-Hexadecanoic acid	18.72	5.4	ng	256211	4	17.88	944195	20.0
Octadecanoic acid	19.98	4.1	ng	195206	4	17.88	944195	20.0
1-Nonadecene	21.82	3.3	ng	186597	5	22.27	1118820	20.0